



U.S. Department  
of Transportation

Research and  
Special Programs  
Administration

JUN 30 2000

400 Seventh Street, S.W.  
Washington, D.C. 20590

DOT-E 8230  
(SEVENTH REVISION)

EXPIRATION DATE: June 30, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Fisher Scientific Company  
Fair Lawn, NJ

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of Packing Group I and II nitric acids in certain combination packagings and provides no relief from any regulation other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.158(e), (f), (g) and (h) in that certain inner and intermediate packagings are not authorized.
5. BASIS: This exemption is based on the application of Fisher Scientific Company dated information dated June 8, 2000, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identification Number	Packing Group
Nitric acid, other than red fuming, with more than 70 percent nitric acid.	8	UN2031	I

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Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identification Number	Packing Group
Nitric acid, other than red fuming, with not more than 70 percent nitric acid.	8	UN2031	II

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. The following combination packagings are authorized:

Inner packaging: A plastic ("fluorinated ethylene-propylene" [FEP] polymers, "perfluoroalkoxy" [PFA] polymers or similar materials) bottle with lined screw closure meeting the compatibility requirements of § 173.24(e) and having a net capacity not greater than 2.5 liters (0.66 gallon) each. The wall thickness of the bottle must not be less than 0.020".

Intermediate packaging: 1.) A tightly closed rigid-foam plastic receptacle each containing one inner packaging; or

2.) A plastic bag containing one inner packaging and placed inside a heavy-wall polypropylene bag lined with polypropylene absorbent material of sufficient capacity to completely absorb the liquid contents of each inner package. Both bags must be tightly sealed with either plastic tape, a wire tie or a cable tie.

Outer packaging: Specification 4G fiberboard box.

b. The completed package must meet the testing requirements at the Packing Group I or II performance level, as appropriate.

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8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. MARKING - Each package must be marked "DOT-E 8230" as specified in § 172.301(c).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, cargo only aircraft (See Paragraph 10.b.).

10. MODAL REQUIREMENTS:

a. A current copy of this exemption must be carried aboard each cargo vessel and cargo-only aircraft used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.

b. When offered for transportation or transported by cargo-only aircraft, inner packagings for nitric acids in Packing Group I must not exceed 1 liter (0.3 gallon) net capacity per package.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



*for* Robert A. McGuire  
Acting Associate Administrator  
for Hazardous Materials Safety

JUN 30 2000  
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.


The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: sdc

FEB 27 2001

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
Seastar Chemicals, Inc., Sidney, British Columbia, Canada (U.S. Agent: Seastar Chemicals Inc., Seattle, WA)	1/25/2001	1/26/2001	6/30/2002
Mallinckrodt Baker, Inc. Phillipsburg, NJ	2/21/2001	FEB 27 2001	6/30/2002

*for*   
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety